

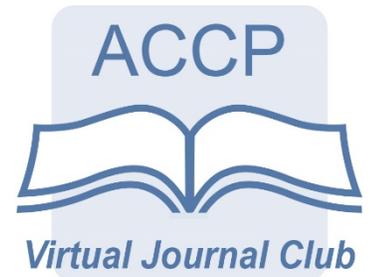
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Characterization of Severe Adverse Drug Reactions at a Free-Standing Children's Hospital

2020 ACCP Virtual Journal Club Webinar

Live Session: Wednesday, January 22, 2020 from 2:00 PM to 3:00 PM ET

On Demand: January 22, 2020 to January 22, 2023



Why is this webinar important to you?

At the conclusion of this activity, learners will be able to articulate the incidence and the impact of severe adverse drug reactions (ADR) and the challenges in documentation at a free-standing children's hospital. Authors performed a retrospective chart review on ADR from January 2011 – September 2014 and found that during the study period, 166 ADRs occurred in children <21 years of age. The most common implicated medications were antimicrobials, followed by antineoplastics and antiepileptics. Skin and respiratory reactions were the most common clinical symptoms. The majority of ADRs were classified by the Naranjo probability scale as probable. One hundred fifty-four patients were admitted to the hospital, with a median length of stay of three days; 22 of these patients required admission to the pediatric intensive care unit for a median of three days. The median estimated healthcare cost associated with severe ADRs was \$4,055.52. No deaths occurred. Nearly 40% of severe ADRs would have gone unidentified using ADR-associated International Classification of Diseases, 9th Revision E codes alone. The impact of pediatric ADRs on the healthcare system is underestimated. Strategies such as active pharmacovigilance programs enhance the identification, characterization and documentation of these otherwise unrecognized ADRs.



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Joint Accreditation Statement

In support of improving patient care, the American College of Clinical Pharmacology® (ACCP) is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

UAN: JA4008220-0000-20-001-L04-P – ACPE 1 Contact Hours

Activity Type: Knowledge-based **Format:** Live & Home-study **Target Audience:** 'P'

Continuing Nursing Education: 1 Contact hours.

ACCME Designation Statement

The Accreditation Council for Continuing Medical Education designates this live and enduring activity for 1 *AMA PRA Category 1™* credit. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Target Audience

Interprofessional team of Physicians, Pharmacists, PhDs, Nurse Practitioners and Physician Assistants.

Learning Objectives

After completing this activity, the learner will be able to:

- 1) To assess the incidence and major factors associated with severe adverse reactions at a free-standing children's hospital.

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- 2) To discuss the challenges in documentation of severe adverse reactions at a free-standing children's hospital.
- 3) To evaluate the impact of severe adverse reactions at a free-standing children's hospital.
- 4) To identify mechanisms to avoid severe adverse reactions at a free-standing children's hospital.

Requirements to Receive Credit

In order to receive continuing medical education (CME) or continuing pharmacy education (CPE) credit, the learner must register for the educational activity, study the provided journal article, attend the Live webinar or view the On-Demand webinar, complete the online learning Self-assessment Post-test as well as the online course Evaluation and CME/CPE Certificate. Credits and CME/CPE Certificates must be claimed within thirty (30) days of completing the webinar, Post-test and Evaluation. Contact CE@ACCP1.org with any questions.

Disclosures:

Author/Faculty: Jennifer Goldman, MD, Associate Professor, Pediatrics, Infectious Diseases and Clinical Pharmacology, Children's Mercy Kansas City-Nothing to disclose.

Moderator/Planner: Claude Abdallah, MD, MPharm, Anesthesiologist, Pediatric Anesthesiology, Children's National Health System-Nothing to disclose.

CE Reviewer: Joseph D. Ma, PharmD, FCP, Professor, Div of Clinical Pharmacy, Univ of California San Diego, Skaggs School of Pharmacy & Pharmaceutical Sciences-Nothing to disclose.

Schedule & Fees

ACCP webinar programs occur several times per year. Registration for the webinars are required, but are free of charge to all learners.

Acknowledgement of Financial Support

No financial support was received for this educational activity.

Home Study Initial Release and Expiration Dates

Date of Issuance: January 22, 2020

Expiration Date: January 22, 2023

Helpful Tips

For best audio and visual quality, we recommend viewing the webinar in the Chrome browser. If you do not have Chrome, you may download it [here](#).

Test your browser compatibility before the webinar by clicking [here](#).

Download the article and slide handouts and access the webinar [here](#).

For help during the webinar, please call (571) 291-3493 ext 4.

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